SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Agrawal, Sudhir Diasio, Robert H. Zhang, Ruiwen
- (ii) TITLE OF INVENTION: A METHOD OF DOWN-REGULATING GENE EXPRESSION
- (iii) NUMBER OF SEQUENCES: 18
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Hale and Dorr
 - (B) STREET: 60 State Street
 - (C) CITY: Boston
 - (D) STATE: Massachusetts
 - (E) COUNTRY: USA
 - (F) ZIP: 02109
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/328,520
 - (B) FILING DATE: 25-OCT-1994
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Kerner, Ann-Louise
 - (B) REGISTRATION NUMBER: 33,523
 - (C) REFERENCE/DOCKET NUMBER: HYZ-030CIP
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 617-526-6000
 - (B) TELEFAX: 617-526-5000
- (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs

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(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA/RNA	
(iii) HYPOTHETICAL: NO	
(iv) ANTI-SENSE: YES	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:	
CTCTCGCACC CATCTCTCT CTTCU	25
(2) INFORMATION FOR SEQ ID NO:2:	
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(ii) MOLECULE TYPE: DNA/RNA	
(iii) HYPOTHETICAL: NO	
(iv) ANTI-SENSE: YES	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
CTCTCGCACC CATCTCTCT CTUCU	25
(2) INFORMATION FOR SEQ ID NO:3:	
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
(ii) MOLECULE TYPE: DNA/RNA	
(iii) HYPOTHETICAL: NO	
(iv) ANTI-SENSE: YES	•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
CTCTCGCACC CATCTCTCT CUUCU	25
(2) INFORMATION FOR SEQ ID NO:4:	

(iv) ANTI-SENSE: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:





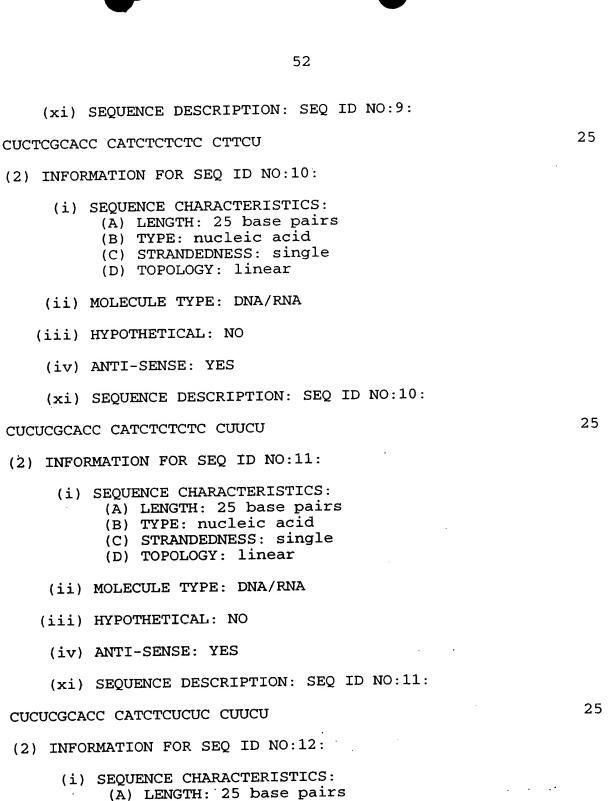
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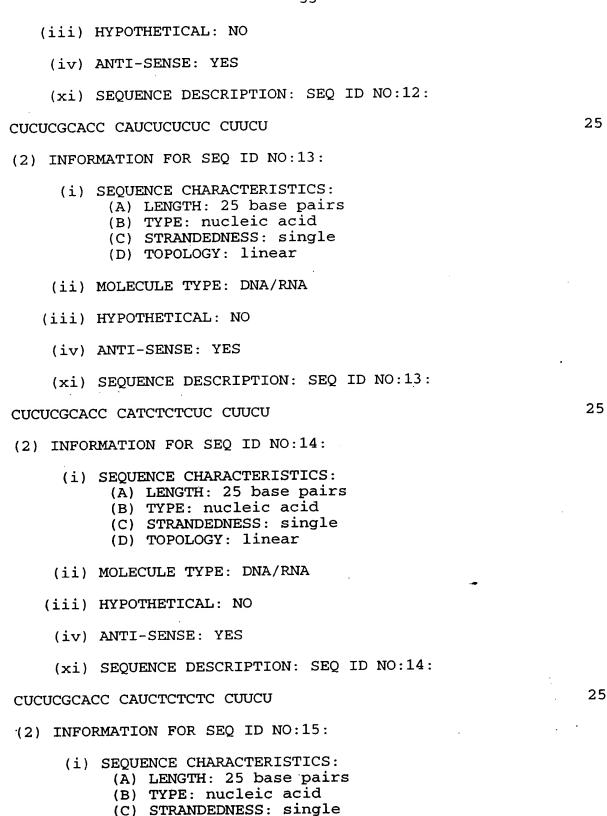
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(ii)	MOLECULE TYPE: DNA/RNA
(iii)	HYPOTHETICAL: NO
(iv)	ANTI-SENSE: YES
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:4:
CTCTCGCA	CC CATCTCUCUC CUUCU
(2) INFO	RMATION FOR SEQ ID NO:5:
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(ii)	MOLECULE TYPE: DNA/RNA
(iii)	HYPOTHETICAL: NO
(iv)	ANTI-SENSE: YES
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:5:
CTCTCGCA	CC CAUCUCUC CUUCU
(2) INFO	RMATION FOR SEQ ID NO:6:
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(ii)	MOLECULE TYPE: DNA/RNA
(iii)	HYPOTHETICAL: NO

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(2) INFORMATION FOR SEQ ID NO:7:	•	
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 		
(ii) MOLECULE TYPE: DNA/RNA		
(iii) HYPOTHETICAL: NO		
(iv) ANTI-SENSE: YES		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	š a .	
CTCTCGCACC CAUCUCUCC CUUCU	***	25
(2) INFORMATION FOR SEQ ID NO:8:		
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 		
(ii) MOLECULE TYPE: RNA		
(iii) HYPOTHETICAL: NO		
(iv) ANTI-SENSE: YES		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	•	
CUCUCGCACC CAUCUCUCC CUUCU		25
(2) INFORMATION FOR SEQ ID NO:9:		
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 		
(ii) MOLECULE TYPE: DNA/RNA		
(iii) HYPOTHETICAL: NO		

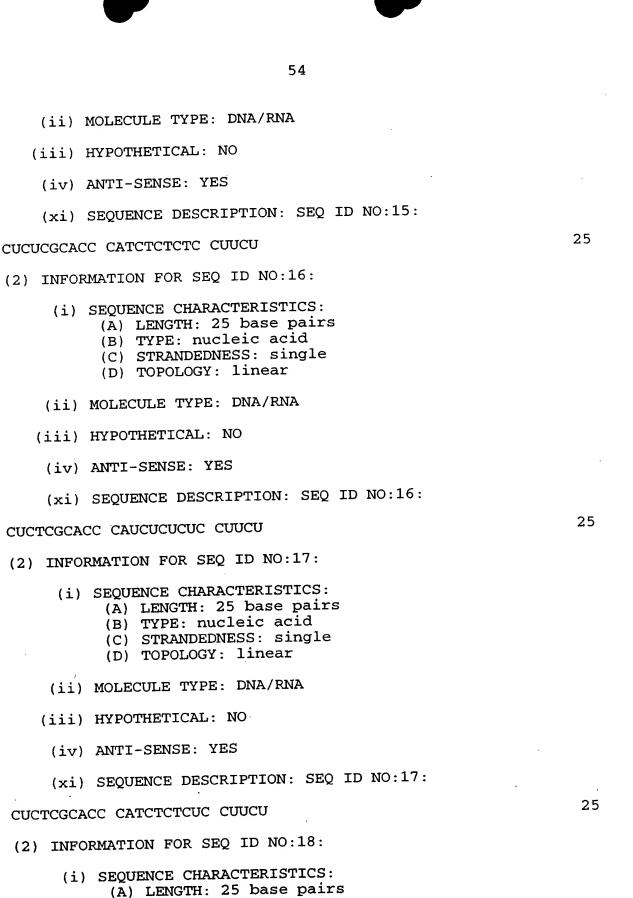
(iv) ANTI-SENSE: YES



- (2) INFORMATION FOR SEQ ID NO:12:
 - - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: DNA/RNA



(D) TOPOLOGY: linear



(iv) ANTI-SENSE: YES

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:



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(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: DNA
(iii) HYPOTHETICAL: NO
(iv) ANTI-SENSE: YES
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
CTCTCGCACC CATCTCTCT CTTCT
(2) INFORMATION FOR SEQ ID NO:19:
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
(ii) MOLECULE TYPE: DNA
(iii) HYPOTHETICAL: NO

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22